ZXTEC®

GK-62

Automatic Photoelectric-correct Controller

User Manual

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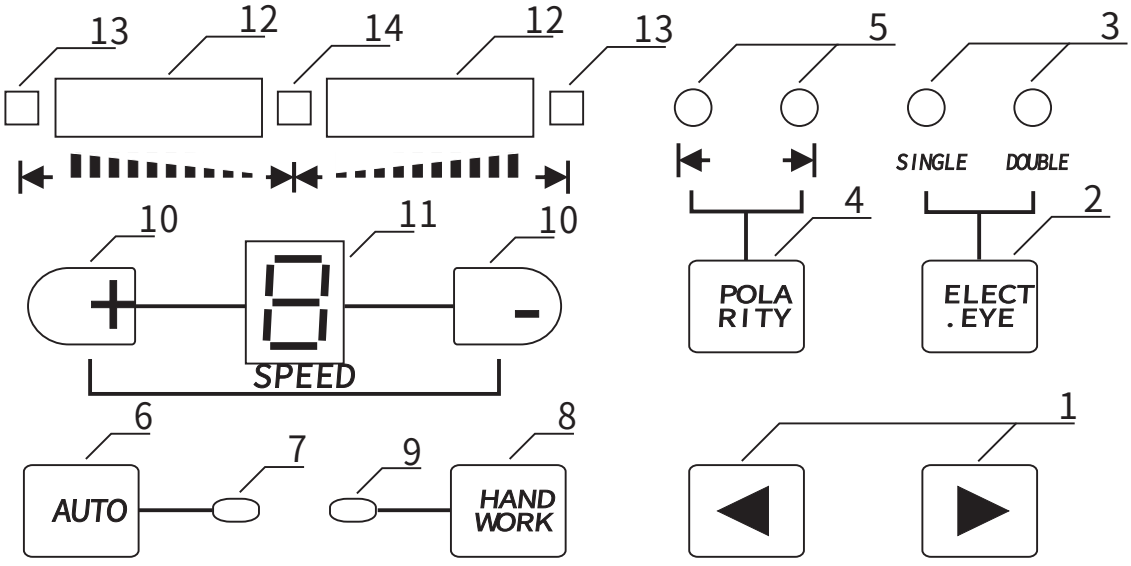
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One. Product resume:

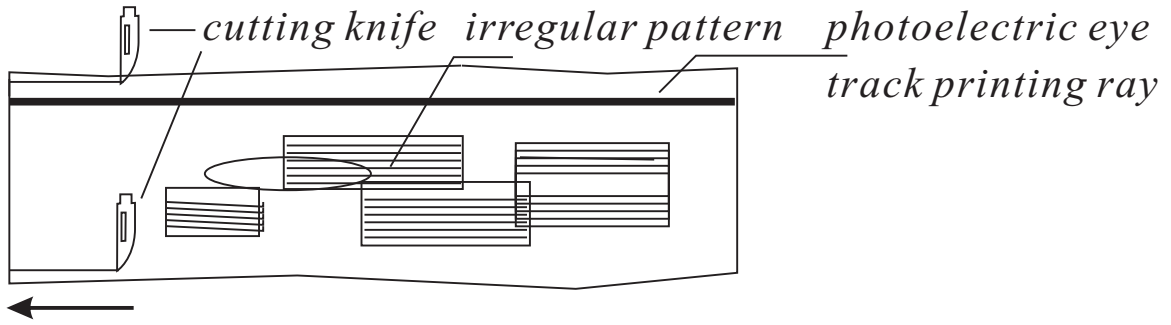
The controller can do automatic correct with thin film, paper...etc. after printing when it matches synchronous motor, photoelectric eye and ball bearing. Its control panel adopts micro-touch switch and its control circuit adopts chip microcomputer to intelligent control. The controller can selects single/double photoelectric eye to control. It can establish response speed of the synchronous motor for cancel phenomenon of noise and jarring excessive when we adopts single photoelectric eye to work. Another increment circumscribe direction and appearance connecting which makes more conveniently for correct operating.

Two , Sketch map of front -panel and switch :

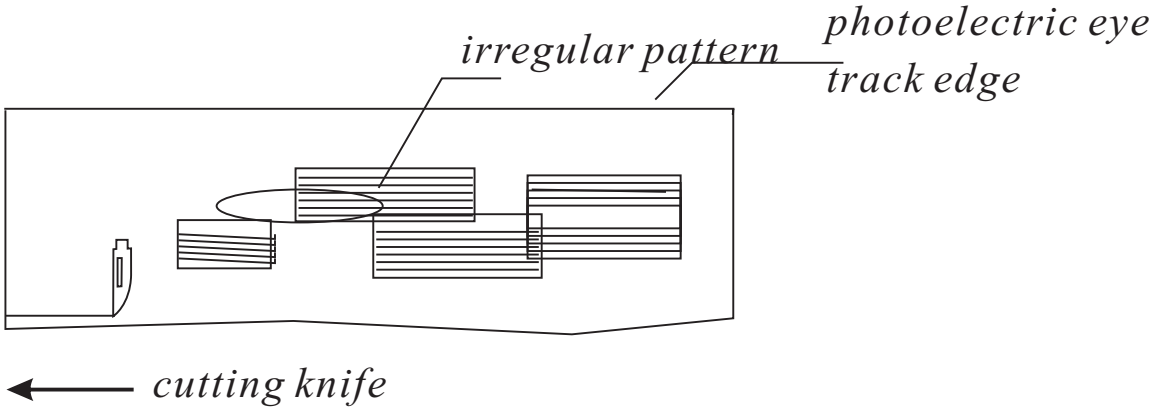


Three. The control parts of the correct controller (define with number 1-14 of the above scheme):

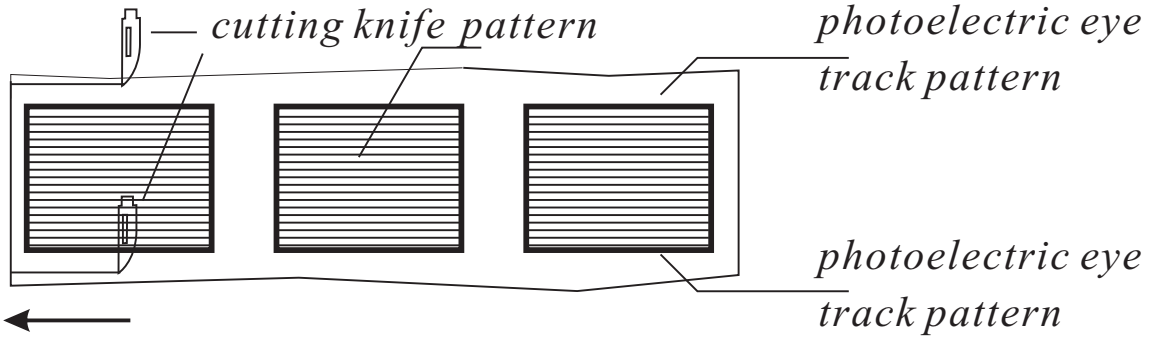
1. *Inching button: Press them can make synchronous motor turning forward or backward whenever the controller works on auto or hand operation.*
2. *Switch for selecting photoelectric eye: Press it can select single or double photoelectric eyes to work. Generally single eye is used to track printing ray and edge of materials, but double eyes is mainly used to track symmetry printing pattern(see diagram below).*
3. *Indicator for selecting photoelectric eye: Indicate photoelectric eye to choose in single or double appearance respectively.*



single photoelectric eye track printing ray

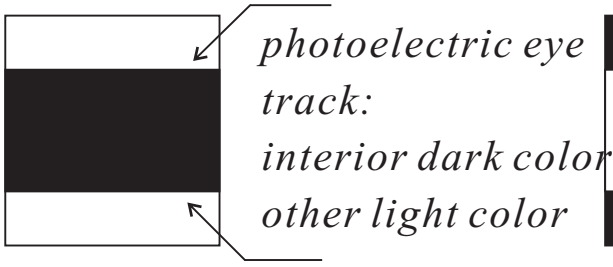


single photoelectric eye track edge of materials

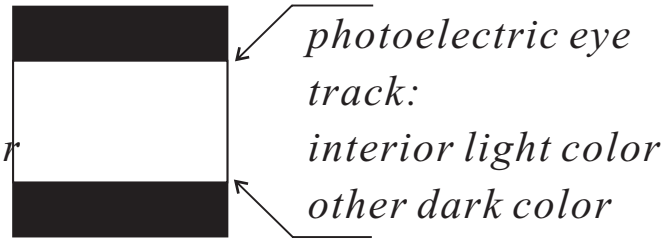


double photoelectric eye track printing pattern

4. Switch for selecting pole: Press it can choose bright or dark work for photoelectric eye(see diagram below).
5. Indicator for selecting pole: Indicate photoelectric eye to take a pole.
6. Automatic switch: The controller will carry on automatic correcting when you press it. Meanwhile, turning forward or backward of synchronous motor is controlled by the color code which is detected by photoelectric eye whether deviates aim or not.



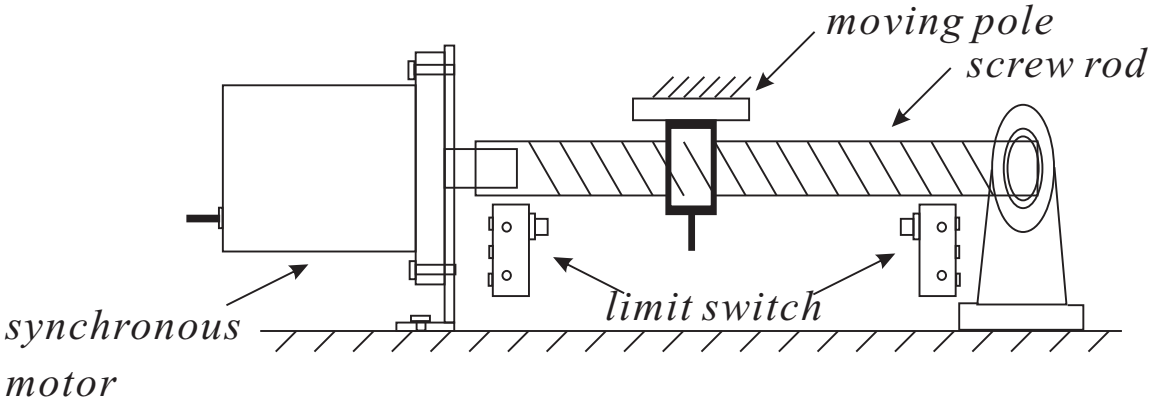
pole is " →| "



pole is " |← "

7. Automatic appearance indicator: It is bright when the controller works in automatic.
8. Hand -operating switch: Press it to make the controller works in hand appearance. Meanwhile, turning forward or backward of synchronous motor is controlled by the switch(1).
9. Hand appearance indicator: It is bright when the controller works in hand appearance.
10. Adjusting switch of response speed: Press them to adjust response speed of correction, bigger number slower speed, contrarily quickly speed.
11. Display response speed: It displays the response speed.
12. Indicate the running direction of synchronous motor: They are indicate the running direction of synchronous motor separately.
13. Limit indicator: It is bright when moving pole has already moved to the correct valid scope of both ends of the extreme limit.
14. Power supply indicator: Indicate the power supply appearance of the main computer plank of controller.

Four: Sketch map of moving pole:



Four: Wiring diagram of correction:

